

## ABSTRACT

The present invention concerns a compound consisting of RNA, in particular RNA extracted from yeast, a pharmaceutical composition comprising such RNA and a method for the treatment of inflammatory and inflammatory-related disorders comprising administering to a patient in need of such treatment a pharmaceutical composition comprising an amount effective to ameliorate the symptoms of inflammation or inflammatory-related disorder of ribonucleic acid and a pharmaceutically acceptable vehicle, carrier, or diluent. The exogenous yeast RNA used in the present invention has a pronounced membrane-stabilizing action in a wide range of concentrations. At the same time, yeast RNA normalizes metabolism of arachidonic acid and levels of its key metabolites, thromboxane and leukotriene. Its anti-inflammatory action is accompanied by normalization of the activity of NO-synthetase and anti-oxidant activity.

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